

## ABSTRACT

An integrated unit in which a light source and a light emitting diode are combined into one component is fixed to an optical bench. Then,  
5 relative position adjustment of an objective lens actuator is carried out with respect to the optical bench so that a desired detection signal can be obtained through reflected light from a disk information recording medium and then the objective lens actuator is fixed. The relative position adjustment of the integrated unit is no longer required and it is no longer necessary  
10 preliminarily to provide a margin for adjusting the integrated unit. Thus, an optical head can be reduced in size and thickness.